
Unicenter

TCPaccess FTP Server Release Summary

Version 6.0



Computer Associates
The Software That Manages eBusiness



This documentation and related computer software program (hereinafter referred to as the "Documentation") is for the end user's informational purposes only and is subject to change or withdrawal by Computer Associates International, Inc. ("CA") at any time.

This documentation may not be copied, transferred, reproduced, disclosed or duplicated, in whole or in part, without the prior written consent of CA. This documentation is proprietary information of CA and protected by the copyright laws of the United States and international treaties.

Notwithstanding the foregoing, licensed users may print a reasonable number of copies of this documentation for their own internal use, provided that all CA copyright notices and legends are affixed to each reproduced copy. Only authorized employees, consultants, or agents of the user who are bound by the confidentiality provisions of the license for the software are permitted to have access to such copies.

This right to print copies is limited to the period during which the license for the product remains in full force and effect. Should the license terminate for any reason, it shall be the user's responsibility to return to CA the reproduced copies or to certify to CA that same have been destroyed.

To the extent permitted by applicable law, CA provides this documentation "as is" without warranty of any kind, including without limitation, any implied warranties of merchantability, fitness for a particular purpose or noninfringement. In no event will CA be liable to the end user or any third party for any loss or damage, direct or indirect, from the use of this documentation, including without limitation, lost profits, business interruption, goodwill, or lost data, even if CA is expressly advised of such loss or damage.

The use of any product referenced in this documentation and this documentation is governed by the end user's applicable license agreement.

The manufacturer of this documentation is Computer Associates International, Inc.

Provided with "Restricted Rights" as set forth in 48 C.F.R. Section 12.212, 48 C.F.R. Sections 52.227-19(c)(1) and (2) or DFARS Section 252.227-7013(c)(1)(ii) or applicable successor provisions.

© 2002 Computer Associates International, Inc. (CA)

All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.



Unicenter TCPaccess FTP Server Features

The Unicenter TCPaccess FTP Server affords high throughput and low resource utilization. It provides detailed management information on its health and status of FTP file transfers, enabling Unicenter NetMaster File Transfer Management to provide heightened awareness of your transfers. The Unicenter TCPaccess FTP Server can run on Computer Associates Unicenter TCPaccess Communication Services or IBM's Communications Server for OS/390.

Unicenter TCPaccess FTP Server extends your investment in Unicenter TCPaccess TCP/IP Server, Unicenter NetMaster IP and Unicenter NetMaster Operations for File Transfer Management Enterprise companies as well as remote users are becoming increasingly aware of FTP and its importance to E-Business. Knowledge of FTP capabilities, ease of use, and availability on commonly used operating systems such as Windows, UNIX, Linux, and OS/390, have resulted in FTP usage increasing at a fantastic rate. Due to the availability of FTP, the cost of additional client software is eliminated, therefore providing immediate and convenient access to Enterprise data. FTP is the world standard for Enterprise data transfer. As a result, systems administrators require visibility of file transfers to effectively monitor and control OS/390 FTP usage.

This document describes the features of Unicenter TCPaccess FTP Server:

- [Unicenter NetMaster Integration](#)
- [High Performance Server](#)
- [Independent TCP/IP Stack Support](#)
- [Scalability](#)
- [Multiple File Type Support](#)
- [Single Multi-Environment FTP Client](#)
- [LMP Integration](#)
- [Delivering the Infrastructure to Ensure eBusiness Success](#)

Unicenter NetMaster Integration

Unicenter NetMaster Operation for File Transfer and Unicenter NetMaster for TCPIP extend the FTP capabilities beyond the typical FTP functionality.

Unicenter NetMaster allows:

- Network and System administrators can view detailed information regarding user access to OS/390 files and data transfer rates.
- Establish OS/390 file access policies via rules that specify an action.
- Policy rules can be based on user, data set name, access type (read/write), Network IP address, Port number, day of week, time of day and SAF security rules.
- Network and system administrators can view detailed information regarding user access to OS/390 files and data transfer rates.
- Network and system administrators can view detailed information regarding user access to OS/390 files and data transfer rates.

High Performance Server

The FTP Server was developed with the IBM assembler to provide the highest performance. The FTP Server executes in Native MVS and can execute in the same address space as the Unicenter TCPaccess Communications Server. The design minimizes the number of address spaces and therefore minimizes the movement of data across address spaces.

Independent TCP/IP Stack Support

Unicenter TCPaccess FTP Server performs with any TCP/IP stack. This feature allows a single FTP Server product to work over multiple TCP/IP stacks even in a UNIX Service Common INET environment. This important feature also includes a FTP client that is compatible with the IBM FTP client.

Scalability

Multiple instances of the Unicenter TCPaccess FTP Server can execute in a single OS/390 address space or can execute in multiple OS/390 address spaces. The instances of the Unicenter TCPaccess FTP Server can operate with a single TCP/IP stack. This feature is also support in a UNIX System Services CINET environment. Adding additional instances of the FTP Server provides unexpected concurrent FTP load as well as additional connectivity fault tolerance.

Multiple File Type Support

Unicenter TCPaccess FTP Server supports the OS/390 file types typically used in FTP data transfers. Unicenter TCPaccess FTP Server includes support for the UNIX Service HFS file type, a file type that is very similar to file types used by UNIX and other PC systems.

Single Multi-Environment FTP Client

Unicenter TCPaccess FTP Server provides a single FTP client application that can execute in TSO, Batch and also the UNIX System Services shell environment. This allows a common ftp client interface regardless of the environment. The FTP Sever client command syntax is compatible with the IBM ftp client command syntax. This feature is important for business environments attempting to consolidate to a single client regardless of the TCP/IP provider.

LMP Integration

Integration with Unicenter Services for OS/390 and the CA License Management Program (LMP) provide a standardized and automated approach to the tracking of licensed software.

Delivering the Infrastructure to Ensure eBusiness Success

Unicenter delivers a family of integrated management solutions that ensure the health and performance of all aspects of the eBusiness infrastructure. Offering unmatched scalability and administration in a modular, easy-to-use design, Unicenter grows with your company's needs. Its tightly integrated set of core solutions includes network and systems management, automated operations, IT resource management, database, web infrastructure, and application management. These powerful solutions leverage a flexible architecture, innovative intelligence and visualization—enabling true end-to-end service level assurance of the eBusiness environment.



Computer Associates™